

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (original) Process for separating NH₃ from a mixture containing NH₃, CO₂ and H₂O which comprises an NH₃ rectification step carried out in an NH₃ separation device to which one or more streams containing NH₃, CO₂ and H₂O, including the mixture, are fed, with a stream consisting substantially of gaseous NH₃ being formed in the NH₃ separation device, separated from the mixture and discharged, characterized in that a condensation step is carried out on at least one of the stream consisting substantially of gaseous NH₃ or the one or more streams containing NH₃, CO₂ and H₂O supplied to the NH₃ separation device, in which at least a part of the existing CO₂ is converted to a liquid phase.

2 (original) Process according to claim 1, in which the condensation step is carried out by cooling the stream to be condensed and/or bringing it into contact with an absorbing medium.

3. (currently amended) Process according to claim 1 or 2, the process further comprising, in order to separate CO₂ and H₂O from the mixture:

a CO₂ rectification step, which is applied in a CO₂ separation device to the mixture coming from the NH₃ separation device while a stream coming from a desorption device is supplied, with a stream consisting substantially of CO₂ being formed in the CO₂ separation device and being separated from the mixture, and

a desorption step, which is applied in the desorption device to the mixture coming from the CO₂ separation device, with a stream consisting substantially of H₂O being formed and being separated from the mixture, after which the mixture is returned to the NH₃ separation device and/or the CO₂ separation device[.]

in which the condensation step is carried out on the stream consisting substantially of gaseous NH₃ from the NH₃ separation device and/or on at least a part of

the stream that comes from the desorption device and that is supplied to the NH₃ separation device.

4. (currently amended) Process according to ~~any one of claims 1-3~~ claim 1, in which the condensation step is carried out on the stream consisting substantially of gaseous NH₃ from the NH₃ separation device in a submerged condenser while an aqueous stream and/or liquid NH₃ is supplied as absorbing medium.

5. (original) Process according to claim 4, in which after the condensation step an absorption step is applied to the stream consisting substantially of gaseous NH₃, in which the said stream is brought into contact with liquid NH₃.

6. (currently amended) Process according to ~~any one of claims 1-3~~ claim 1, in which the condensation step is carried out as a partial condensation step, by means of indirect cooling with a cooling medium, on the stream that comes from the desorption device and that is supplied to the NH₃ separation device.

7. (original) Process according to claim 6, in which the mixture present in the NH₃ separation device is used as cooling medium in the partial condensation step.